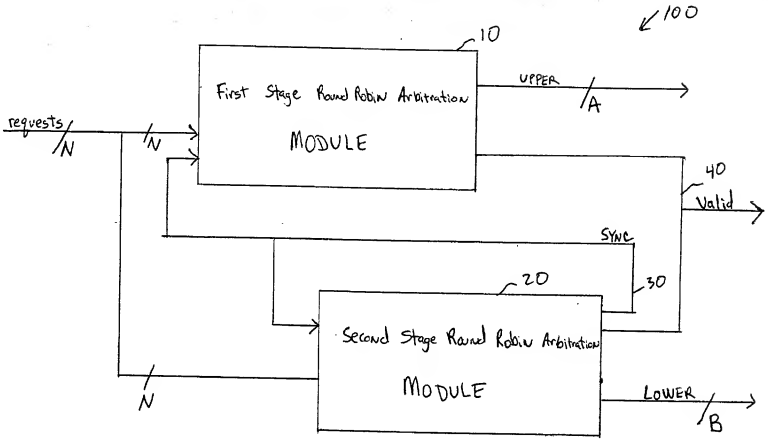
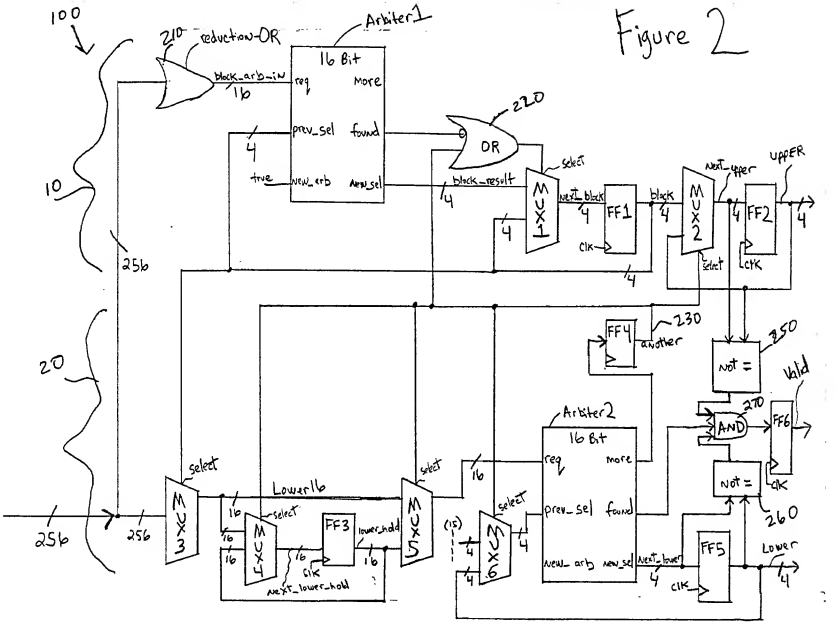

100
10
First Stage Round Robin Arbitration
MODULE
UPPER
A
requests
N
N
40
Valid
SYNC
30
20
Second Stage Round Robin Arbitration
MODULE
N
LOWER
B

Figure 1

[redacted]

Figure 2



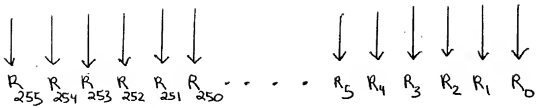


Figure 3A

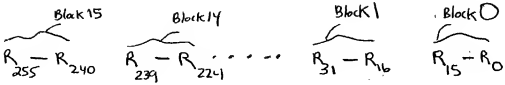


Figure 3B

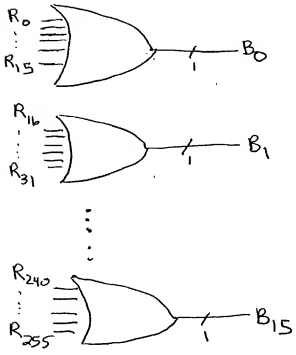


Figure 3C

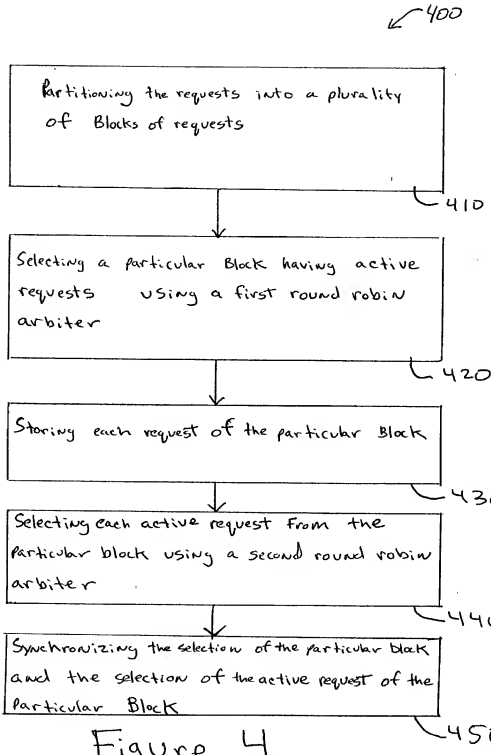

400
Partitioning the requests into a plurality of Blocks of requests
410
Selecting a particular Block having active requests using a first round robin arbiter
420
Storing each request of the particular Block
430
Selecting each active request from the particular block using a second round robin arbiter
440
Synchronizing the selection of the particular block and the selection of the active request of the particular Block
450

Figure 4